EMKA Beschlagteile

180° Screw-on hinge without hinge pin

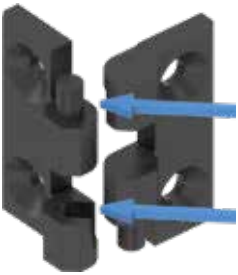
Product features

- Hinge consisting of two hinge halves
- Cost advantages compared to conventional screw-on hinges with hinge pins
- Assembly without tools in seconds by plugging the hinge halves into each other without hinge pin
- Available in three different sizes for countersunk screws:

  60x60 mm (M8), 50x50 mm (M6), 40x40 mm (M5)
- Available in four different materials and various finishes:
  - Polyamide (glass fibre reinforced plastic)
    - » black
    - » other colours on request
  - Zinc die
    - » black powder-coated
    - » chrome-plated
  - Aluminium (die casting)
    - » black powder-coated
    - » anthracite anodized
  - Stainless steel (precision casting)
    - » polished
    - » bright polished
- Design-protected hinge halves

Technical data, drawings
and part numbers **at a glance**

Connecting within seconds



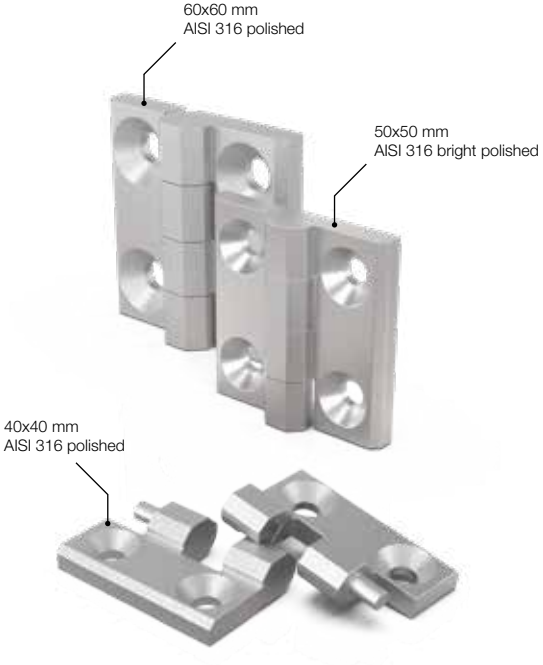
The two identical hinge halves are plugged into each other in the 270° position.

The assembled hinge halves are brought into the intended 180° position and are firmly connected even without a hinge pin.

In the 180° position, the hinge is mounted.

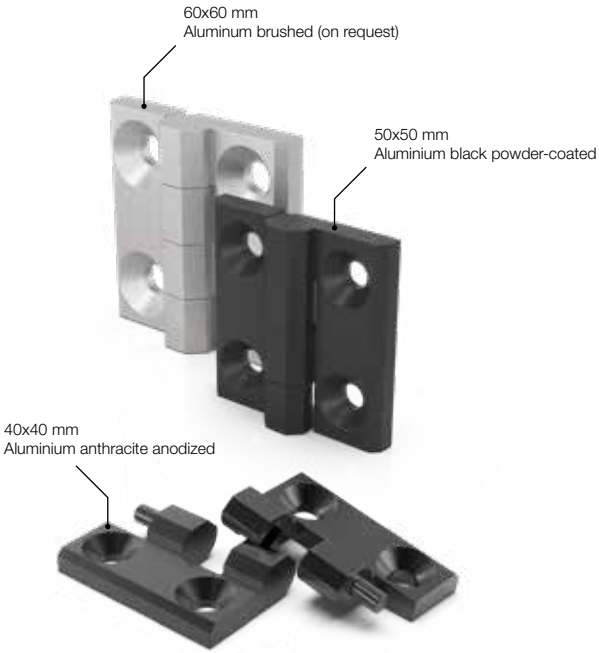
Characteristics of **stainless steel**

- Very good resistance to corrosion
- Durable, weatherproof and temperature resistant
- High strength
- High dimensional accuracy
- High surface quality possible (hygiene requirements)
- No additional surface coating necessary
- Noble optics
- Complex, sophisticated shapes can be realised
- Low wall thicknesses possible
- Flexibility regarding size and quantity of parts
- Wide variety of materials due to diverse alloys



Characteristics of **aluminium**

- Low weight with high stability
- Corrosion and weather resistant
- High dimensional accuracy
- High surface quality (smooth surfaces)
- Good electrical conductivity (positive, if desired)
- Very high thermal conductivity
- Resistant to UV radiation
- Easy to clean and odorless
- Low tolerances can be realized
- Excellent possibilities for mechanical finishing
- Durable and recyclable

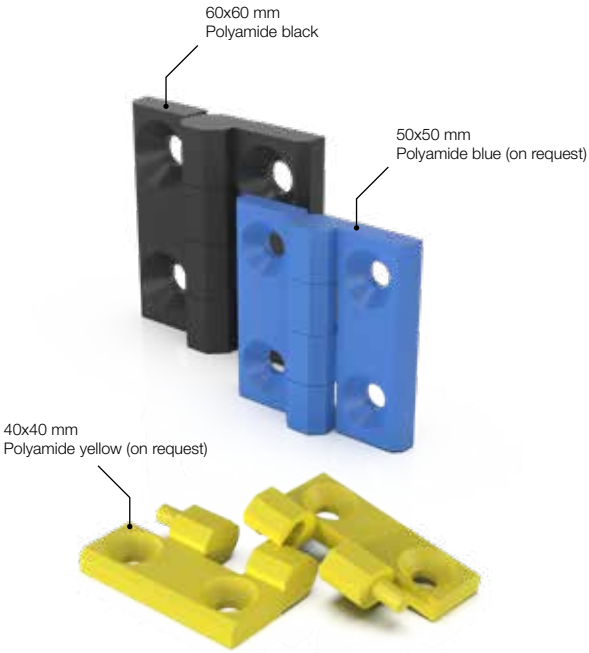


Characteristics of **zinc die**

- High strength
- Long service life (fatigue strength)
- Superior tensile and elongation strength
- Good resistance to corrosion
- Thermal and electrical conductivity
- Suitability for shielding electromagnetic fields
- Wide range of coating and finishing options
- Non-sparking and non-magnetic
- Cost effective due to fast production speed
- Recyclable

Characteristics of **polyamide**

- Lightest material compared
- High elasticity, tensile strength, stiffness and hardness
- Non-corrosive
- Resistant to organic solvents
  (e.g. alcohol, acetone, benzene and fuel)
- Glass fibers in the plastic reduce the relatively high
  water absorption of pure polyamides
- High wear resistance
- Good gliding properties
- High electrical insulation and tracking resistance
- Insulating properties (positive, if desired)
- Cost-effective
- Coloration through the material, thus no color
  painting necessary



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